

IN THE CLAIMS:

Please amend claims 23 and 49 as follows:

*Subj C of:*

*BT*

23. (Twice Amended) The method of claim 20, further comprising the steps of:

determining if a first compound object and a second compound object embed at least one common changed fragment by:

topologically sorting at least part of a graph including dependence edges between objects;

examining the graph in an order defined by the topological sort; and

constructing a union between a set including a second object and a set including changed fragments needed to construct the second object for at least one edge which begins with the second object and terminates in the first object and for which the second object has changed.

*Subj C*

*BT*

49 (Twice amended) The program storage device of claim 46, further comprising the steps of:

determining if a first compound object and a second compound object embed at least one common changed fragment by:

topologically sorting a graph including dependence edges between objects;

examining the graph in an order defined by the topological sort; and

constructing a union between a set including a second object and a set including changed fragments needed to construct the second object for at least one edge

which begins with the second object and terminates in the first object and for which the  
B2 second object has changed.

Please add the following new claims 61-74:

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61. (New) A method for determining an order in which to construct objects comprising the steps of:

providing a plurality of objects, at least one of the objects including a relationship with another object in the plurality of objects;  
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identifying at least one relationship between the plurality of objects;  
representing the at least one relationship between the plurality of objects using at least one graph;

traversing at least one graph to determine the order in which to construct objects in accordance with the at least one relationship and an update to at least one of the objects in the plurality of objects; and

publishing at least one of the plurality of objects.

62. (New) The method as recited in claim 61, wherein the step of representing the at least one relationship between the plurality of objects includes the step of representing objects in the plurality of objects by nodes and representing the at least one relationship by at least one connection between nodes.

63. (New) The method as recited in claim 61, wherein the step of traversing at least one graph to determine the order includes the step of selecting the order based on one of performance and correct construction of the plurality of objects.

64. (New) The method as recited in claim 61, wherein the step of traversing at least one graph to determine the order includes the step of traversing by employing at least one topological sort on the at least one graph.

65. (New) The method as recited in claim 64, wherein the order is constructed from the at least one topological sort.

66. (New) The method as recited in claim 61, further comprising the step of constructing objects based on the order.

67. (New) The method as recited in claim 61, wherein all of the at least one of the plurality of objects are published together.

68. (New) The method as recited in claim 67, wherein the step of publishing includes the steps of:

partitioning the plurality of objects into a plurality of groups; and  
publishing all objects belonging to a same group together.

69 (New) The method as recited in claim 68, wherein the step of publishing all objects belonging to a same group together includes the step of:

for at least two of the plurality of groups, publishing all objects belonging to a first group before publishing any objects belonging to a second group.

70. (New) The method as recited in claim 61, wherein the step of publishing includes the step of satisfying at least one consistency constraint.

71. (New) The method as recited in claim 70, wherein the step of satisfying at least one consistency constraint includes the step of delaying publication of a first object until a second object which is referenced by the first object is published.

72. (New) The method as recited in claim 71, wherein the first object and the second object include Web pages and a reference between the first and second objects includes a hypertext link.

73. (New) The method as recited in claim 70, wherein the step of satisfying at least one consistency constraint includes the step of publishing two compound objects